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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: ~~Michael R. Krames, Mihail M. Sigalas, Jonathan J. Wierer, Jr.~~
Assignee: Lumileds Lighting U.S., LLC
Title: Improved LED Efficiency Using Photonic Crystal Structure
Serial No.: 10/059,588 Filing Date: January 28, 2002
Examiner: Douglas A. Wille Group Art Unit: 2814
Docket No.: M-11547 US
(LUM-M-11547 US)

#6 Prosecution
M. Baunsm
3/25/03

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

Sir:

The above-identified assignee, hereby revokes all powers of attorney previously given and appoints the attorney(s) and/or agent(s) identified below to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:



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PATENT TRADEMARK OFFICE

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ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(B)


The undersigned representative of the above-identified assignee certifies that the above-identified assignee is the assignee of the entire right, title and interest in the above-identified patent application by virtue of a chain of title from the inventor(s) of the above-identified patent application to the above-identified assignee as shown below:

1. From: Michael R. Krames, Mihail M. Sigalas, Jonathan J. Wierer, Jr. To: Lumileds Lighting U.S., LLC. The document was recorded in the Patent and Trademark Office at Reel 012571, Frame 0721.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

Date: February 28th 2003

Lumileds Lighting, U.S., LLC

By: 

Name: Lou Dadok

Title: Intellectual Property Manager